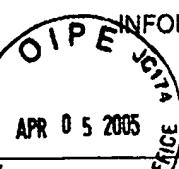


FORM PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P23707	Application No. 10/646,800			
 INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Hiroshi NOMURA				
									Filing Date August 25, 2003	Group 2851			
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>Cr</i>		4	7	9	1	4	4	1	12/13/88	NISHI et al.	—	—	
<i>Cr</i>		4	4	5	1	1	2	9	05/29/84	IKARI et al.	—	—	
<i>Cr</i>		3	3	7	7	4	2	7	04/09/68	FISCHER	—	—	
<i>Cr</i>		5	7	1	5	4	8	2	02/03/98	WAKABAYASHI et al.	—	—	
<i>Cr</i>		4	5	9	7	6	5	7	07/01/86	WAKABAYASHI	—	—	
<i>Cr</i>		4	8	4	1	3	2	3	06/20/89	MINORU et al.	—	—	
<i>Cr</i>	2004	0	0	4	2	0	9	2	03/04/04	NOMURA	—	—	
<i>Cr</i>	2004	0	1	4	1	7	3	5	07/22/04	NOMURA	—	—	
<i>Cr</i>	2004	0	0	6	2	5	3	6	04/01/04	NOMURA	—	—	
<i>Cr</i>	2004	0	0	4	2	7	7	6	03/04/04	NOMURA	—	—	
<i>Cr</i>		6	1	8	5	3	7	5	02/06/01	KAZUO	—	—	
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
<i>Cr</i>	8	-	3	1	3	7	9	0	11/29/96	JAPAN	—	—	
<i>Cr</i>	6	-	2	3	0	2	6	3	08/19/94	JAPAN	—	—	
<i>Cr</i>	10	-	2	5	4	0	5	4	09/25/98	JAPAN	—	—	
<i>Cr</i>	2003	-	1	4	9	7	2	3	04/18/03	JAPAN	—	—	
<i>Cr</i>	2000	-	0	2	3	0	0	2	01/21/00	JAPAN	—	—	
<i>Cr</i>	6	-	3	0	8	5	9	2	11/04/94	JAPAN	—	—	
<i>Cr</i>	7	-	1	9	9	0	1	9	08/04/95	JAPAN	—	—	
<i>Cr</i>	5	-	3	1	3	2	2	6	11/26/93	JAPAN	—	—	
<i>Cr</i>	7	-	2	9	5	0	5	0	11/10/95	JAPAN	—	—	
<i>Cr</i>		0	9	-	5	8	4	9	01/10/97	JAPAN	—	—	
<i>Cr</i>	61	-	1	3	3	9	3	3	06/21/86	JAPAN	—	—	
<i>Cr</i>	2003	-	1	1	4	4	7	3	04/18/03	JAPAN	—	—	
<i>Cr</i>	2004	-	2	5	7	5	5	5	09/16/04	JAPAN	—	—	
<i>Cr</i>		2	3	9	4	7	8	7	05/05/04	GERMANY	—	—	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
EXAMINER <i>Cr</i>												DATE CONSIDERED <i>Oct 20 2005</i>	
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.													

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				Filing Date August 25, 2003	Group 2851								
				U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
<i>Ch</i>		4	7	6	8	0	4	8	08/30/88	WAKABAYASHI			
<i>101PE</i>		5	2	6	4	9	3	9	11/23/93	CHANG			
<i>JUN 21 2005</i>													
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO				
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)													
<i>Ch</i>		1	English Language translation of JP 2000-023002.										
<i>Ch</i>		2	English Language translation of JP 6-308592.										
<i>Ch</i>		3	English Language translation of JP 7-199019.										
<i>Ch</i>		4	English Language translation of JP 5-313226										
<i>Ch</i>		5	English Language translation of JP 7-295050.										
<i>Ch</i>		6	English Language translation of JP 9-005849.										
<i>Ch</i>		7	English Language translation of JP 2003-114473.										
EXAMINER <i>Ch</i>		DATE CONSIDERED <i>Oct 28, 2005</i>											